

RECONFIGURABLE SUBCUTANEOUS CARDIAC DEVICE

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ABSTRACT OF THE DISCLOSURE

A reconfigurable cardiac device includes a housing, and detection circuitry and energy delivery circuitry provided in the housing. One or more subcutaneous, non-intrathoracic electrodes are coupled to the energy delivery and detection circuitry. A lead interface is provided on the housing and coupled to the energy delivery and detection circuitry. The lead interface is configured to receive at least one lead that includes one or more intrathoracic lead electrodes. A controller is provided in the housing and coupled to the lead interface and the energy delivery and detection circuitry. The system is operable in a first configuration using the subcutaneous electrodes in the absence of the lead and operable in a second configuration using at least one or more of the lead electrodes. The system is capable of providing cardiac activity sensing and stimulation in each of the first and second system configurations, respectively.

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